



#3 IDS 2/6/4

SHEET 1 OF 1

FORMPTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
MICRON.214DDV1APPLICATION NO.  
10/848,103INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Liu, et al.FILING DATE  
August 22, 2003GROUP  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
MDP	6028786		Nishimura			
	6136705		Blair			
	6153443		Durlam, et al.			
	6174737		Durlam, et al.			
	6,218,302		Braeckelmann, et al.			
	6338899		Fukuzawa, et al.			
	6358756		Sandhu, et al.			
	6379978		Goebel, et al.			
	6391658		Gates, et al.			
✓	2002 / 0041514 A1		Scheler			
MDP	6,440,753		Ning, et al			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL	

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013004

EXAMINER <i>Harmon B. [Signature]</i>	DATE CONSIDERED 12/8/4
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

COPY

#2IDS  
8/22/3

SHEET 1 OF 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. MICRON 2140V1 2140DV1	APPLICATION NO. 10/097,162 Unknown
	APPLICANT Liu et al.	
	FILING DATE January 24, 2002 Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
MP		3,623,032	11/23/71	Schapira			
		3,623,035	11/23/71	Kobayashi et al.			
		3,816,909	6/18/74	Maeda et al.			
		3,947,831	3/30/76	Kobayashi et al.			
		4,044,330	8/23/77	Johnson et al.			
		4,060,794	11/29/77	Feldman et al.			
		4,158,891	6/19/79	Fisher			
		4,455,626	6/19/84	Lutes			
		4,731,757	3/15/88	Daughton et al.			
		4,780,848	10/25/88	Daughton et al.			
		4,801,883	01/31/89	Muller et al.			
		4,849,695	07/18/89	Muller et al.			
		4,945,397	07/31/90	Schuetz			
		5,039,655	8/13/91	Pisharody			
		5,064,499	11/12/91	Fryer			
		5,140,549	8/18/92	Fryer			
		5,406,759	3/5/96	Yue et al.			
		5,547,599	8/20/96	Wolfrey et al.			
		5,569,617	10/29/96	Yeh et al.			
		5,587,943	12/24/96	Torok et al.			
		5,650,958	7/22/97	Gallagher et al.			
		5,701,222	12/23/97	Gill et al.			
		5,726,498	03/10/98	Licata et al.			
		5,741,435	4/21/98	Beetz, Jr. et al.			
		5,756,366	3/26/98	Berg et al.			
MP		5,785,823	08/18/98	Avanzino et al.			

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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SHEET 2 OF 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. MICRON 2148V1 <div style="font-size: 1.2em; margin-left: 40px;">214 PDV1</div>	APPLICATION NO. 48057,182 <div style="font-size: 1.2em; margin-left: 40px;">Unknown</div>
APPLICANT Liu et al.		
FILING DATE January 24, 2002 <span style="margin-left: 20px;">Herewith</span>		GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
MP		5,861,328	1/89	Tehrani et al.			
		5,926,394	07/20/99	Nguyen et al.			09/30/96
		5,956,267	9/21/99	Hurst et al.			
		5,982,658	11/09/99	Berg et al.			
MP		6,048,739	4/11/00	Hurst et al.			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
MP		DE 198 36 567 A 1	2/24/00	Germany				
		WO 00/19440	4/6/00	PCT				
		EP 0 776 011 A2	5/28/97	EPO				
		WO 98/20496	5/14/98	EPO				
MP		2000-30222	1/2000	Japan				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
<del>X</del>	<del>Honeywell Brochure entitled Pohn et al., "The Architecture of a High Performance Mass Store with GMR Memory Cells," Nonvolatile Electronics, pp. 1-3.</del>
MP	Pohn et al., "Experimental and Analytical Properties of 0.2 Micron Wide, Multi-Layer, GMR, Memory Elements," <u>IEEE Transactions on Magnetics</u> , Vol. 32, No. 5, September 1996, pp. 4645-4647.
	Prinz, Gary, "Magnetoelectronics," <u>Science</u> , Vol. 282, November 27, 1998, pp. 1660-1663.
	Wang, Zhi G. et al., "Feasibility of Ultra-Dense Spin-Tunneling Random Access Memory," <u>IEEE Transactions on Magnetics</u> , Vol. 33, No. 6, November 1997, pp. 4498-4512.
MP	Razavi et al., "Design Techniques for High-Speed, High-Resolution Comparators", <u>IEEE Journal of Solid State Circuit</u> , Vol. 27, No. 12, December 1992

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021902

No data.  
 Cannot be considered  
 pursuant to 37 CFR 1.98(b)(5)

EXAMINER	DATE CONSIDERED <span style="font-size: 1.2em;">3/19/2007</span>
*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	